

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	10/532,509
	Filing Date	October 17, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2817
Examiner Name	To be determined <i>Henry Chen</i>	
Sheet 1 of 3	Attorney Docket Number	PD-202131

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
H-c.		US-6,718,184	04-2004	Aiken et al.	
		US-5,819,157	10-1998	Ben-Efraim et al.	
		US-5,999,793	12-1999	Ben-Efraim et al.	
		US-6,297,691	10-2001	Anderson et al.	
		US-6,501,804	12-2002	Dietmar et al.	
		US-6,745,050	06-2004	Forsythe et al.	
		US-6,718,184	04-2004	Aiken et al.	
		US-5,625,640	04-1997	Palmer et al.	
		US-6,597,750	07-2003	Knutson et al.	
		US-6,433,835	08-2002	Hartson et al.	
		US-4,800,573	01-1989	Cupo, Robert L.	
		US-6,266,534	07-2001	Raith et al.	
		US-5,467,197	11-1995	Hoff, Don G.	
		US-6,574,235	06-2003	Arsian et al.	
		US-5,430,770	07-1995	Abbey	
H-c.		US-5,966,412	10-1999	Ramaswamy	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
H-c.		EP 0929164	07-1999	Societe Europeene des Satellites		
H-c.		WO 02/073817	09-2002	Nokia Corporation		
H-c.		EP 0356096	02-1990	Meyers		
H-c.		EP 0238822	09-1987	NEC Corporation		

Examiner Signature	<i>[Signature]</i>	Date Considered	11/13/06
--------------------	--------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	10/532,509
	Filing Date	October 17, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2817
	Examiner Name	To be determined <i>Henry Chen</i>
Sheet 2 of 3	Attorney Docket Number	PD-202131


U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>H.C.</i>		US-5,329,311	07-1994	Ward et al.	
		US-5,450,623	09-1995	Yokoyama et al.	
		US-5,966,186	10-1999	Shigihara et al.	
		US-6,028,894	02-2000	Oishi et al.	
		US-6,032,026	02-2000	Seki et al.	
		US-6,034,952	03-2000	Dohi et al.	
		US-6,108,374	08-2000	Balachandran et al.	
		US-6,140,809	10-2000	Doi	
		US-6,219,095	04-2001	Zhang et al.	
		US-4,039,961	08-1977	Ishio et al.	
		US-6,275,678	08-2001	Bethscheider et al.	
		US-3,383,598	05-1968	Sanders	
		US-5,577,087	11-1996	Furuya	
		US-5,602,868	02-1997	Wilson	
		US-5,815,531	09-1998	Dent	
		US-5,960,040	09-1999	Cai et al.	
		US-5,987,068	11-1999	Cassia et al.	
		US-5,579,344	11-1996	Namekata, Minoru	
		US-5,121,414	06-1992	Levine et al.	
		US-6,144,708	11-2000	Maruyama, Hidenori	
<i>H.C.</i>		US-6,055,278	04-2000	Ho et al.	
		US-6,330,336	12-2001	Kasama, Minoru	

Examiner Signature	<i>[Signature]</i>	Date Considered	11/13/06
--------------------	--------------------	-----------------	----------

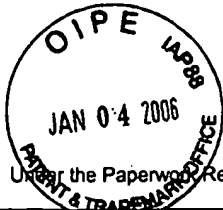
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	10/532,509
	Filing Date	October 17, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2817
	Examiner Name	<del>To be determined</del> Henry Choe
Sheet 3 of 3	Attorney Docket Number	PD-202131

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
H-c.		JANSSEN, G.J.M.; SLIMANE, S.B.: "Performance of a Multiuser Detector for M-PSK Signals Based on Successive Cancellation", ICC 2001, 2001 IEEE International Conference on Communications, Conference Record, Helsinki, Finland, June 11-14, 2001, XP010552960	
H-c.		SLIMANE, S.B.; JANSSEN, G.J.M.: "Power Optimization of M-PSK Cochannel Signals for a Narrowband Multiuser Detector", 2001 IEEE Pacific Rim Conference on Communications, Computer and Signal Processing, Victoria, B.C., Canada, August 26-28, 2001, XP010560334	
H-c.		SOONG, A.C.K.; KRZYMIEN, W.A.: "Performance of a Reference Symbol Assisted Multistage Successive Interference Cancelling Receiver in a Multicell CDMA Wireless System", Conference Record, Communication Theory Mini-Conference GlobeCom '95, IEEE Singapore 13-17 November 1995, XP010159490	
H-c.		ARSLAN, H; MOLNAR, K: "Iterative Co-channel Interference Cancellation in Narrowband Mobile Radio Systems", Emerging Technologies Symposium: Broadband, Wireless Internet Access, 2000 IEEE April 10-11, 2000, Piscataway, New Jersey, US, XP010538900	
H-c.		MAZZINI, GIANLUCA: "Power Division Multiple Access", Universal Personal Communications, 1998, ICUPC 1998, IEEE 1998, International Conference on Florence, Italy, 5-9 October 1998, New York, NY, US, IEEE, US 5 October 1998 (1998 10-5), pages 543-546, XP010314962 ISBN: 0-7803-5106-1	
H-c.		SALEH, A.A.M. et al.: "Adaptive Linearization of Power Amplifiers in Digital Radio Systems", Bell System Technical Journal, American Telephone and Telegraph Co., New York, US, Vol. 62, No. 4, Part 1, 1 April 1983 (1983-04-01), pages 1019-1033, XP002028354	
H-c.		RAMCHANDRAN, KANNAN et al.: "Multiresolution Broadcast for Digital HDTV Using Joint Source/Channel Coding, IEEE, Vol. 11, No. 1, January 1993, pp. 6-22	

Examiner Signature		Date Considered	11/13/06
--------------------	-------------------------------------------------------------------------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	10/532,509
	Filing Date	April 25, 2005
	First Named Inventor	Ernest C. Chen
	Art Unit	2817
	Examiner Name	To be assigned <i>Henry choe</i>
Sheet 1 of 1	Attorney Docket Number	PD-202131

### U.S. PATENT DOCUMENTS

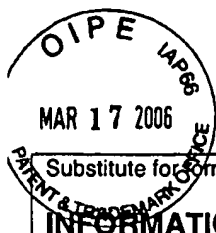
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
<i>M.C.</i>		WO 99/20001	04-22-1999	Silberger et al.		

Examiner Signature	<i>[Signature]</i>	Date Considered	11/13/06
-----------------------	--------------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for Form PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Complete if Known

Application Number	10/532,509
371(c) Filing Date	April 25, 2005
First Named Inventor	Ernest C. Chen
Art Unit	2817
Examiner Name	<del>MOTTOLA</del> , Steven J. Henry Chen
Date: March 13, 2006	
Sheet 1 of 1	Attorney Docket Number PD-202131

**U.S. PATENT DOCUMENTS**


Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
H-c.		US-6,731,700	05-2004	Yakhnich et al.	
		US-6,411,797	06-2002	Estinto, Eugene	
		US-2002/0071506	06-2002	Lindquist et al.	
		US-5,603,084	02-1997	Henry et al.	
		US-6,389,002	05-2002	Schilling, Donald L.	
		US-6,178,158	01-2001	Suzuki et al.	
		US-2005/008100	01-2005	Chen, Ernest C.	
		US-2002/176516	11-2002	Jeske et al.	
		US-6,304,594	10-2001	Salinger, Sheldon N.	
		US-5,493,307	02-1996	Tsujimoto, Ichiro	
		US-5,956,373	09-1999	Goldston et al.	
		US-6,535,497	03-2003	Raith, Alex Krister	
		US-6,515,713	02-2003	Nam, Ho Jun	
		US-6,320,919	11-2001	Khyrallah et al.	
		US-3,974,449	08-1976	Falconer, David Duncan	
		US-3,879,664	04-1975	Monsen, Peter	
		US-4,253,184	02-1981	Gitlin et al.	
		US-5,233,632	08-1993	Baum et al.	
✓		US-6,775,521	08-2004	Chen, Yue	
H-c.		US-3,878,468	04-1975	Falconer et al.	

Examiner Signature		Date Considered	11/13/06
-----------------------	--	--------------------	----------

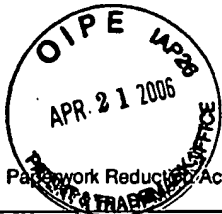
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form PTO/SB/08B		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/532,509
		Filing Date	April 25, 2005
		First Named Inventor	Ernest C. Chen
		Art Unit	2817
		Examiner Name	<del>MOTTOLA, Steven J.</del> Henry Chen
Date: March 13, 2006			
Sheet 1 of 1		Attorney Docket Number	PD-202131

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
H-c.		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998, John Wiley & Sons, Inc.; pages 212-213 and 217-218; XP002364874	
H-c.		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998, John Wiley & Sons, Inc.; pages 610-612; XP002364876	
H-c.		FANT, T. et al.; "Fourth-Power Law Clock Recovery with Prefiltering"; Proceedings of the International Conference on Communications (ICC); Geneva; May 23-26, 1993; New York; IEEE; US; Vol. 3; 23 May 1993; pages 811-815 XP010137089, ISBN: 0-7803-0950-2; Section I, Introduction	

Examiner Signature		Date Considered	11/12/06
--------------------	-------------------------------------------------------------------------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	10/532,509
	Filing Date	October 17, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2817
	Examiner Name	MOTTOLA, Steven J. Henry choe
Sheet 1 of 1	Attorney Docket Number	PD-202131

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number  Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
H- <del>...</del>		US-4,637,017	01-13-1987	Assal et al.	
H- <del>...</del>		US-5,940,025	08-17-1999	Koehnke et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document  Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
H- <del>...</del>		WO 01/80471	10-25-2001	DSPC Technologies, Ltd.		
H- <del>...</del>		WO 03/105375	12-18-2003	Hughes Electronics Corp.		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
H- <del>...</del>		Patent Abstracts of Japan; Vol. 015, No. 355 (E-1109): JP 03139027; Nippon Telegraph and Telephone Corporation; Publication date: 13 June 1991	

Examiner Signature		Date Considered	11/13/06
-----------------------	--	--------------------	----------


\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

MAY 10 2006

Substitute for form PTO/SB/08A		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/532,509
		Filing Date	April 25, 2005
		First Named Inventor	Ernest Chen
		Art Unit	2817
		Examiner Name	MOTTOLA, Steven J. Henry che
Date:	May 10, 2006		
Sheet 1 of 1	Attorney Docket Number	PD-202131	

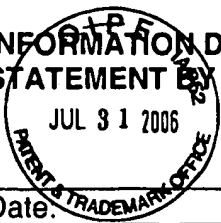
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
H- c .		US-6,426,822	07-30-2002	Winter et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	4/13/06
-----------------------	-------------------------------------------------------------------------------------	--------------------	---------


\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



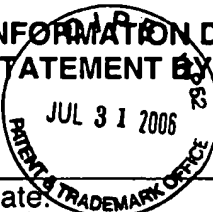
Substitute for form PTO/SB/08A		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 		Application Number	10/532,509
		Filing Date	04-25-2005
		First Named Inventor	Ernest C. Chen
		Art Unit	2817
		Examiner Name	MOTTOLA, Steven J. Henry chao
Date	July 19, 2006		
Sheet 1 of 3	Attorney Docket Number	PD-202131	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
H.C.		US-5,870,443	02-1999	Rahnema, Moe	
		US-2003/0138037	07-2003	Kaku et al.	
		US-2004/0110467	06-2004	Wang, Arthur W.	
		US-6,535,801	03-2003	Geier et al.	
		US-6,325,332	12-2001	Cellier et al.	
		US-6,052,586	04-2000	Karabinis, Peter D.	
		US-5,995,832	11-1999	Mallinckrodt, Albert J.	
		US-2004/0146296	07-2004	Gerszberg et al.	
		US-5,648,955	07-1997	Jensen et al.	
		US-4,860,315	08-1989	Hosoda et al.	
		US-4,654,863	03-1987	Belfield et al.	
		US-5,229,765	07-1993	Gardner, Wallace R.	
		US-5,285,480	02-1994	Chennakeshu et al.	
		US-6,934,314	08-2005	Harles et al.	
		US-4,993,047	02-1991	Moffat et al.	
		US-5,111,155	05-1992	Keate et al.	
		US-6,307,435	10-2001	Nguyen et al.	
		US-5,970,098	10-1999	Herzberg, Hanan	
		US-6,125,148	09-2000	Frodigh et al.	
		US-6,008,692	12-1999	Escartin, Marko	
		US-6,249,180	06-2001	Maalej et al.	
		US-5,581,229	12-1996	Hunt, Paul C.	
		US-6,366,309	04-2002	Siegle, Gert	
		US-4,835,790	05-1989	Yoshida et al.	
		US-5,317,599	05-1994	Obata	
		US-5,557,067	11-1996	Zimmerman	
		US-6,021,159	02-2000	Nakagawa	
		US-6,061,393	05-2000	Tsui et al.	
		US-5,963,845	10-1999	Floury et al.	
		US-6,272,679	08-2001	Norin, John L.	
		US-6,212,360	04-2001	Fleming et al.	
H.C.		US-6,188,717	02-2001	Kaiser et al.	

Examiner Signature		Date Considered	11/13/06
--------------------	-------------------------------------------------------------------------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

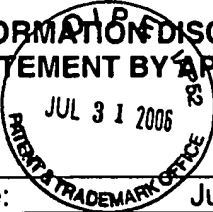
Substitute for form PTO/SB/08A		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 		Application Number	10/532,509
		Filing Date	04-25-2005
		First Named Inventor	Ernest C. Chen
		Art Unit	2817
		Examiner Name	MOTTOLA, Steven J. Henry chen
Date: July 19, 2006			
Sheet 2 of 3	Attorney Docket Number	PD-202131	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

H-c.		US-6,141,534	10-2000	Snell et al.	
		US-6,131,013	10-2000	Bergstrom et al.	
		US-6,084,919	07-2000	Kleider et al.	
		US-4,896,369	01-1990	Adams et al.	
		US-6,892,068	04-2002	Karabinis et al.	
		US-5,848,060	12-1998	Dent	
		US-5,555,257	09-1996	Dent	
		US-5,642,358	06-1997	Dent	
		US-5,199,047	03-1993	Koch, Wolfgang	
		US-5,088,110	02-1992	Bonnerot et al.	
		US-4,847,864	07-1989	Cupo, Robert L.	
		US-4,709,374	11-1987	Farrow, Cecil W.	
		US-4,594,725	06-1986	Desperben et al.	
		US-4,519,084	05-1985	Langseth, Rollin E.	
		US-4,416,015	11-1983	Gitlin, Richard D.	
		US-4,384,355	05-1983	Werner, Jean-Jacques	
		US-4,213,095	07-1980	Falconer, David D.	
		US-RE 31,351	08-1983	Falconer, David D.	
		US-6,429,740	08-2002	Nguyen et al.	
		US-6,166,601	12-2000	Shalom et al.	
		US-5,966,048	10-1999	Thompson	
		US-5,606,286	02-1997	Bains	
		US-5,221,908	06-1993	Katz et al.	
		US-4,918,708	04-1990	Pottinger et al.	
		US-4,878,030	10-1989	Vincze	
		US-4,670,789	06-1987	Plume	
		US-4,647,873	03-1987	Beckner et al.	
		US-4,628,507	12-1986	Otani	
		US-4,500,984	02-1985	Shimbo et al.	
		US-4,283,684	08-1981	Satoh	
		US-4,068,186	01-1978	Sato et al.	
H-c.		US-2001/0024479	09-2001	Samarasooriya	

Examiner Signature		Date Considered	11/13/06
-----------------------	-------------------------------------------------------------------------------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form PTO/SB/08A		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 		Application Number	10/532,509
		Filing Date	04-25-2005
		First Named Inventor	Ernest C. Chen
		Art Unit	2817
		Examiner Name	MOTTOLA, Steven J. <i>Henry che</i>
Date:	July 19, 2006		
Sheet 3 of 3	Attorney Docket Number	PD-202131	

### U.S. PATENT DOCUMENTS

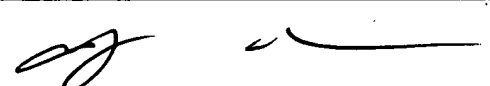
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>H.C.</i>		US-5,732,113	03-1998	Schmidl et al.	
<i>.1</i>		US-5,793,818	08-1998	Claydon et al.	
<i>.1</i>		US-5,828,710	10-1998	Beale	
<i>.1</i>		US-6,018,556	01-2000	Janesch et al.	
<i>.1</i>		US-6,128,357	10-2000	Lu et al.	
<i>.1</i>		US-6,411,659	06-2002	Liu et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
<i>H.C.</i>		FR 2696295	04-1994	Jaspal, Singh Bharj		
<i>.1</i>		EP 0222076	08-1986	Ketterling et al.		
<i>.1</i>		JP 07-038615	02-1995	Yasushi, Sogabe		
<i>.1</i>		DE 3642213	12-1986	Lopau et al.		
<i>.1</i>		JP 5-252084	09-1993	Takenaka et al.		
<i>.1</i>		JP 5-114878	05-1993	Kazama et al.		
<i>.1</i>		JP 5-41683	02-1993	Matsudo et al.		
<i>.1</i>		JP 2-95033	04-1990	Yamamoto, Yoshihiko		
<i>.1</i>		JP 2-5631	01-1990	Oda, Hirobumi		

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
<i>H.C.</i>		WOLCOTT, TED J. ET AL.; "Uplink-Noise Limited Satellite Channels"; IEEE 1995; pages 717-721; XP-00580915	
<i>H.C.</i>		SESKAR, IVAN ET AL.; "Implementation Aspects for Successive Interface Cancellation in DS/CDMA Systems"; Wireless Networks; 1998; pages 447-452	
<i>H.C.</i>		Earth Station Technology; 1986; pages 404-412; XP-002248387	

Examiner Signature		Date Considered	11/13/06
--------------------	-------------------------------------------------------------------------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form PTO/SB/08A <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Complete if Known		
	Application Number	10/532,509	
	Filing Date	10-17-2003	
	First Named Inventor	Ernest C. Chen	
	Art Unit	2817	
Date:	September 12, 2006	Examiner Name	<del>Mottola, Steven J.</del> Henry Choe
Sheet 1 of 1	Attorney Docket Number	PD-202131	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
H-c.		US-6,970,496	11-2005	Ben-Bassat et al.	
"		US-2003/0002471	01-2003	Crawford et al.	
"		US-2006/0056541	03-2006	Chen et al.	
"		US-5,577,067	11-1996	Zimmerman	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
H-c.		CHEN, ERNEST et al.; "DVB-S2 Backward-Compatible Modes: A Bridge Between the Present and the Future"; International Journal of Satellite Communications and Networking; Volume 22, Issue 3, pages 341-365; published 2004 by John Wiley & Sons, Ltd.	

Examiner Signature		Date Considered	11/13/06
--------------------	--	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.